

# WOMAN'S CLUB NOTES



shown up—the habit of intense internal discussion and the great lack of the realities of travel. His present life was shown to be in all harmony with his idea of the only gift to be given to the masses, the gift of himself. His every day life was dwelt on to considerable extent. His faith in God, in goodness and in his fellow men never varied, and his hope for the betterment of the lower classes in Russia is still supreme.

The paper was one to be long remembered by the club and the guests. The Reviewers will meet the Monday afternoon at the home of Mrs. Charles G. Plummer.

## Utah Woman's Press Club.

The Utah Woman's Press club met last Monday evening at the rooms of Mrs. C. C. R. Wells, in the Constitution building. A most profitable and delightful evening was spent. Mrs. Elmer H. Jones gave her paper, given at the Utah Federation meeting, on "The Consumer's League." A resume of the paper has already been given. Mrs. Jones emphasized the points brought out before about the value of labor and the proper recognition of this by the consumer. A short musical programme, with a poem by Dr. Ellis R. Shipp, completed the formal part of the evening, after which a social hour was spent over delicious refreshments.

## Club Notes.

The next meeting of the Woman's club will be an open one, and will be held next Tuesday afternoon at the club rooms. Mrs. H. V. Kimball will present a paper on "The Germany of Today," treating the subjects, "Emperor William," "The German School Systems," "Municipal Government," "The Royal Palaces" and "Home Life."

There will be no meeting on Wednesday next of the tourist section of the Ladies' Literary club.

The College club met with Miss Morgan and Miss Condit at the Collegiate Institute last Tuesday evening. So many of the members were absent

from town for the holidays that the attendance was light, but a very enjoyable evening was passed by those present. Refreshments were served by the hostesses.

The programme for the next meeting of the Ladies' Literary club, which will be held next Friday afternoon, will contain a paper by Mrs. Caroline Abbott Stanley, on "The Social Life of the Child," a talk on "The Relation of Science to Industry," by Professor Merrill of the University of Utah, and some musical numbers by Miss Irma Watson.

The Chaminade chorus had a very encouraging meeting on Saturday, it being a business meeting, and the following officers elected: Director, Mrs. Ira Lewis; president, Mrs. Union Worthington; secretary and treasurer, Mrs. J. W. Christy; librarian, Miss Elizabeth Dern; assistant librarian, Miss Critchlow. Miss Allie Miller is the accompanist.

The French section of the Ladies' Literary club will have a social meeting at the club house Tuesday afternoon (Jan. 7) at 3 o'clock, at which time some former members of the section will present a comedy, "Les Cuisinieres." The section will be happy to greet its friends on this occasion.

Mrs. Elmer B. Jones went to Ogden on Friday last, and presented before the Child Culture club of that city her paper on "The Consumer's League."

The next meeting of the P. E. O. which occurs Saturday next, will be held at the home of Miss A. E. Buchanan, Sixth East street. It is expected that Mrs. E. B. Jones will give a talk. The meeting will be an open one.

The Cleofan meets next Tuesday with Mrs. Seldon L. Clawson. Mrs. Alice D. Moyle will discuss "Byron and His Minor Poems."

The regular monthly meeting of the Woman's Democratic club will be held at the residence of George H. Wood,

559 East First South, on Wednesday, Jan. 8, at 2:30. As it is the election of officers, all members are requested to be present.

The male chorus for the Chaminade concert will meet Monday evening at Calder's, 7:15 o'clock.

The Browning section of the Ladies' Literary club will meet next Tuesday evening at the home of Miss A. E. Buchanan, 124 Sixth East street.

There will be a meeting of the State Council of Women at the office of the Woman's Exponent on Saturday afternoon, Jan. 11.

The Reapers' club meets tomorrow afternoon at the office of the Woman's Exponent.

The Coterie will meet at the home of Mrs. J. N. Kimball, Jan. 7.

Mrs. Nora Myers Jones made an address Friday at the home of Mrs. William Driver, under the auspices of the Child Culture club.

The Nineteenth Century club met at the home of Mrs. W. B. Scarle on Friday, twenty of their friends being present.

The meeting was called to order by the vice president, Mrs. Beesley.

The programme was opened with a piano selection by Mrs. Thurman. At roll call each member responded with a quotation.

Current literature for the past month was then given by Mrs. J. J. Nunn. This was followed by the fascinating story of a Dutch household, "Jofrow von Steen," read by Mrs. Marwick in her very entertaining manner. After which Miss Isley read the able paper on "The Utility Side of Fiction," which was given at the State Federation.

At 4:30 the club adjourned for the social hour, when they were served with a Dutch lunch.

On the Down-grade.  
(Till-Bits.)

Lord Foranheim—I can trace my descent from John Milton. How's that for a descent?

Miss Millyuns—It's a great descent, sure enough.

Ladies' Wrappers, 20 to 50 Per Cent Off

At Z. C. M. I. Great Clearing Sale, week of Jan. 6.

January Cash Clearing Sale

Tomorrow (Monday) morning at 9 o'clock. See our big ads. on pages 16 and 22.

THE LACE HOUSE.

Send a New Year's Herald to your friends, 5 cents.

## EDUCATIONAL.

The schools of the city and county will reopen tomorrow with renewed vigor and energy for the work of the new year. The school buildings have all undergone a thorough renovating and everything today looks bright, fresh and wholesome. Let us hope that teachers and pupils will begin the work with the same bright conditions internally as externally, and that the schools of the state may have a happy and prosperous New Year.

The new schedule for the meetings of the opening term will be out either tomorrow or Tuesday.

A meeting of the principals having classes to finish the grades in the middle of the year, will be held this week.

Mrs. Sara Carruth of the Hamilton corps leaves during the week to join her husband in southern Utah.

Miss Sylvia Cohn has obtained a leave of absence for the year, and leaves this morning to spend the remainder of the season in New York.

Miss Susan G. Stokes, teacher of botany in the high school, spent her vacation visiting in Denver.

W. R. Havenor, formerly a teacher in the Franklin and Lincoln schools, spent his vacation visiting his parents in the city.

Principal McKnight of the training school is sufficiently recovered to be able to resume his duties tomorrow.

Mrs. Barnett of the Wasatch school spent her vacation in Rattle Jennings.

Miss Miller of the Grant school is still very ill, and may not be able to resume her work tomorrow.

Mrs. A. B. Stephens goes to the Hamilton school in the morning to take one of the sessions there in the beginners' grade, alternating with Miss Stay.

Miss Josephine Ekman of the Fremont school was married on Christmas day to Mr. T. L. Fisher.

Miss Kate McKenle will resign her position at the Ogden school this week.

The ladies of the free kindergarten association announce that the free kindergarten will open tomorrow in the Thirteenth ward hall at 9 o'clock.

Dr. Matileson of the state superintendent's office has returned from a pleasant visit to his home in the southern part of the state.

## University Notes.

All class work at the university will be resumed tomorrow morning. The classes that recited in the physical building previous to the fire, will be held in rooms of the new shops, library and normal buildings. The large physics classes will recite in Dr. Talmage's lecture room in the library, and the general chemistry class will meet Professor Acre in the assembly room of the normal building.

The new shops building having been completed, the shop work will be resumed in the new quarters. The machinery from the physical building has been moved into the new structure and the iron work will be done upon the first floor, where the machinery has been

set up, the work in wood will be done on the second floor. Professor Lyman's class in mechanical drawing will be held in this building and the assaying work also will be done here for the present.

The first floor of the new museum building is fast being put into shape, and not many days after school reopens the laboratory work in physics, chemistry and mineralogy will be resumed here. New supplies of chemicals, scales and other apparatus were ordered immediately after the fire and are expected daily, so that all students doing laboratory work will be able to begin this part of their study within a few days. Meanwhile the class work in these branches will proceed uninterrupted.

A special faculty meeting was held last Monday. A new programme of class recitation was drafted and provision made for all classes that had hitherto recited in the physical building.

Professor Milton Bennion will conduct chapel exercises during the first week of 1902.

Professor D. R. Allen gave a very interesting exhibition of photographic views in Sugar last Friday evening. Many of the pictures were from Professor Allen's own camera, but most of them were from the American Amateur Photographers' prize set of lantern slides. The evening was an enjoyable one.

The brick work on the museum building is now finished and the iron framework for the roof is being put into place.

January Cash Clearing Sale

Tomorrow (Monday) morning at 9 o'clock. See our big ads. on pages 16 and 22.

THE LACE HOUSE.

Specialty Interesting to Ladies.

Is Z. C. M. I. Great Clearing Sale week of Jan. 6. Our entire stock of Ladies' Fine Muslin Underwear, Fine Embroideries, Ladies' Wrappers and Remnants at 20 to 50 per cent off.

Are You Interested?

Colored Shirts, former prices from \$1.25 to \$2.50; sale price 90c. Attractive patterns, all sizes.

BROWN, TERRY & WOODRUFF CO. 105 Main Street.

WASTE COAL ON RAILROADS.

It is a Big Problem For the Transportation Companies.

Excepting wages paid to locomotive men, the largest single expense in the operation of the Wisconsin Central railway is for locomotive fuel, which costs the company half a million dollars yearly. In other words, the company pays \$50,000 a year to make the train to make the train to run its locomotives. This fact, among others, has led the company to issue a set of special instructions to engineers and firemen on economy in fuel. The action is a forerunner of similar proceedings by other Chicago roads.

The question of fuel—quantity, character and use—is becoming a most serious one with all railroads. It never was a trivial question. Even in the days of wastefulness, when wood was consumed, the master mechanics had much to trouble them. But the subject has become in more than a joking sense a "burning" question and radical reforms are now in progress on western roads.

A fireman is now warned that he can do nothing that will so effectively make steam, save coal and lighten his labor as to keep his bed of fire in such condition that the air has always easy access through it to the fresh coal he puts on the fire. About four feet of air must pass through the engine fire to give the best results from the burning of each pound of coal put upon it.

Shovels such as locomotives are generally provided with hold, when ordinarily full, fourteen pounds of coal. When an engine is in need of fire, sometimes four shovelfuls will be scattered over the surface of the fire. Four shovelfuls of coal weigh fifty-six pounds, and this quantity placed on the fire lasts about three minutes when the engine is in action. In order to properly consume this amount of coal 15,000 cubic feet of air, or eight box cars full, must pass through the fire in three minutes to burn the coal so that it will produce the greatest amount of heat.

The old theory of engine firing presumed that the fireman had a great deal of time to sit upon his cab seat, let a silk handkerchief flutter from his throat and wink at every pretty farmer's daughter he saw. This is the new rule:

"It's doubtful if climbing upon the seat-box for a short cutting of a 'fire' is really as restful as some firemen imagine. Evidently a man does a great deal of work when he is climbing up and down off the seatbox he lifts and lowers his body two or three feet 20 or 30 times a day."

The "popping" of an engine, a sound extremely offensive to people when the machine is in a short cutting of a surplus steam through the safety valve. The sound generally indicates that a poor engineer and an incompetent fireman are in charge of the engine. It has been found that the waste of steam usually when an engine "pops" or blows off surplus steam is equal to the loss of about eight pounds of coal—half a shovelful, or at the rate of a shovelful a minute. Safety valves usually remain open about half a minute, when they are raised by surplus pressure, and the loss of heat from escaping steam equals every second that derived from the burning of a quarter of a pound of coal.

In a little book issued by the Wisconsin Central to its firemen and engine men engineers are particularly instructed as to the cause of boiler explosions. wrought iron and steel boiler plates rapidly weaken when heated hotter than about 400 degrees. This is the temperature of steam at 250 pounds pressure. It is known that there is no weakening of the strength of the weakening begins after the sheet is heated over 400 degrees. When 1,000 degrees hot the strength is reduced 50 per cent, or four-fifths. Water covering completely the heating surface of a boiler prevents over-heating, says the manual. But with a hot fire and a bare crown sheet probably ten or twenty seconds would give rise to the heat that would weaken the boiler plates at this temperature to a temperature at which its strength would be weakened enough to give way beneath the heavy pressure upon it. For with 150 pounds working pressure there is over ten tons of pressure on each square foot of the crown sheet. Most explosions occur this way.

Let the people in the east know what Utah is doing. All about it in the New Year's Herald.

# Z. C. M. I. GREATEST CLEARING SALE YET KNOWN IN UTAH.

This Memorable Bargain Event for the opening of 1902 will occur at Z. C. M. I. during the week

## Commencing Monday, January 6th.

When the heaviest cutting yet made in prices this season will give to our patrons the best opportunities yet offered in the lines of goods on sale. Our entire stock is new and perfectly up-to-date. We will not carry over any till next season, preferring to dispose of it at sacrifice prices and to use the capital in new business.

The fairer sex generally is invited to this great sale of

# LADIES' MUSLIN UNDERWEAR

Come and see the goods and note the cutting in two of prices. To insure a speedy sale we offer our immense stock of Muslin Underwear garments at

## 20 to 50 Per Cent Off. Here are a Few of the Items; We have many more to Show You:



Ladies' Muslin Skirts, sale price	45c to \$9.95
Ladies' Muslin Drawers, sale price	25c to 3.50
Ladies' Corset Covers, sale price	20c to 4.00
Children's Muslin Drawers, sale price	15c to 75c
Children's Night Gowns, sale price	55c to 1.25

Ladies' Muslin Night Gowns, sale price	65c to \$10.75
Ladies' Chemise, sale price	25c to 3.75
Infants' Long Slips, sale price	35c to 10.00
Infants' Short Dresses, sale price	75c to 3.75
Ladies' Flannelette Night Gowns, sale price	75c to 2.50



In addition to the foregoing, the week will be signaled at Z. C. I. by a

## GREAT REMNANT SALE,

When Remnants of all kinds in WOOL and COTTON DRESS GOODS, all lengths, in black and all colors, will be sold at half price. This means

## All Remnants at 50c on the Dollar

By cutting in two the regular prices we give our patrons the advantage of less than cost prices, at which the goods were bought. The profit invariably goes to the purchaser, but we have the money liberated to continue in business ventures. Our busy patrons will appreciate this, and we welcome them to partake of the Bargain Advantages we are able to offer in the Great January Sale of 1902.

## CLOAK DEPARTMENT---WRAPPERS.

Our Entire Line of Fleece and Flannelette Wrappers, ranging from the \$1.00 House Wrappers up to the \$4.50 Fancy Effects, will be offered during the Great Underwear Sale at

REDUCTIONS SUCH AS THESE:



The \$1.00 Wrappers for	50c
The \$1.25 Wrappers for	80c
The \$1.50 Wrappers for	\$1.00
The \$1.75 Wrappers for	1.25
The \$2.00 Wrappers for	1.35

ALL THE NEWEST FABRICS



The \$2.25 Wrappers for	\$1.50
The \$2.50 Wrappers for	1.75
The \$2.75 Wrappers for	1.90
The \$3.00 Wrappers for	2.00
The \$3.75 Wrappers for	2.35

ALL THE LATEST STYLES



We also have during this week a great sale of

## FINE EMBROIDERIES,

Comprising the largest and most lovely stock in the city in Nainsook, Swiss, Hamburg and all the later and best designs. The whole supply will go during the week at a

## 25% REDUCTION.

This splendid money-saving offer includes Edgings, Insertions and all others in Nainsooks, Swisses and Cambrics. This is an event to give genuine pleasure to discriminating lady purchasers, who will appreciate the advantages of this unusual bargain offer.

# Z. C. M. I.

T. G. WEBBER  
Superintendent.